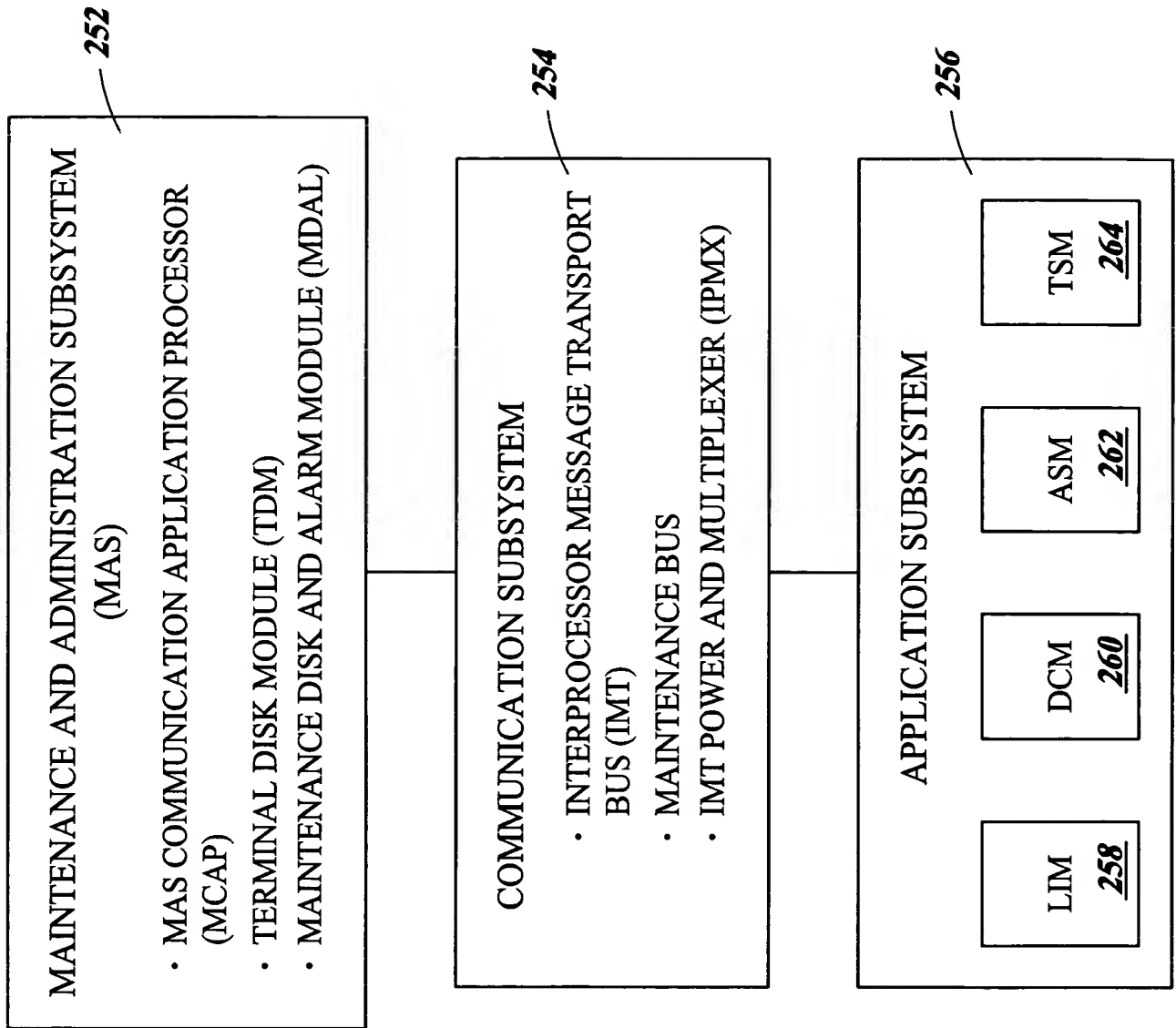


**FIG. 1**  
**(PRIOR ART)**

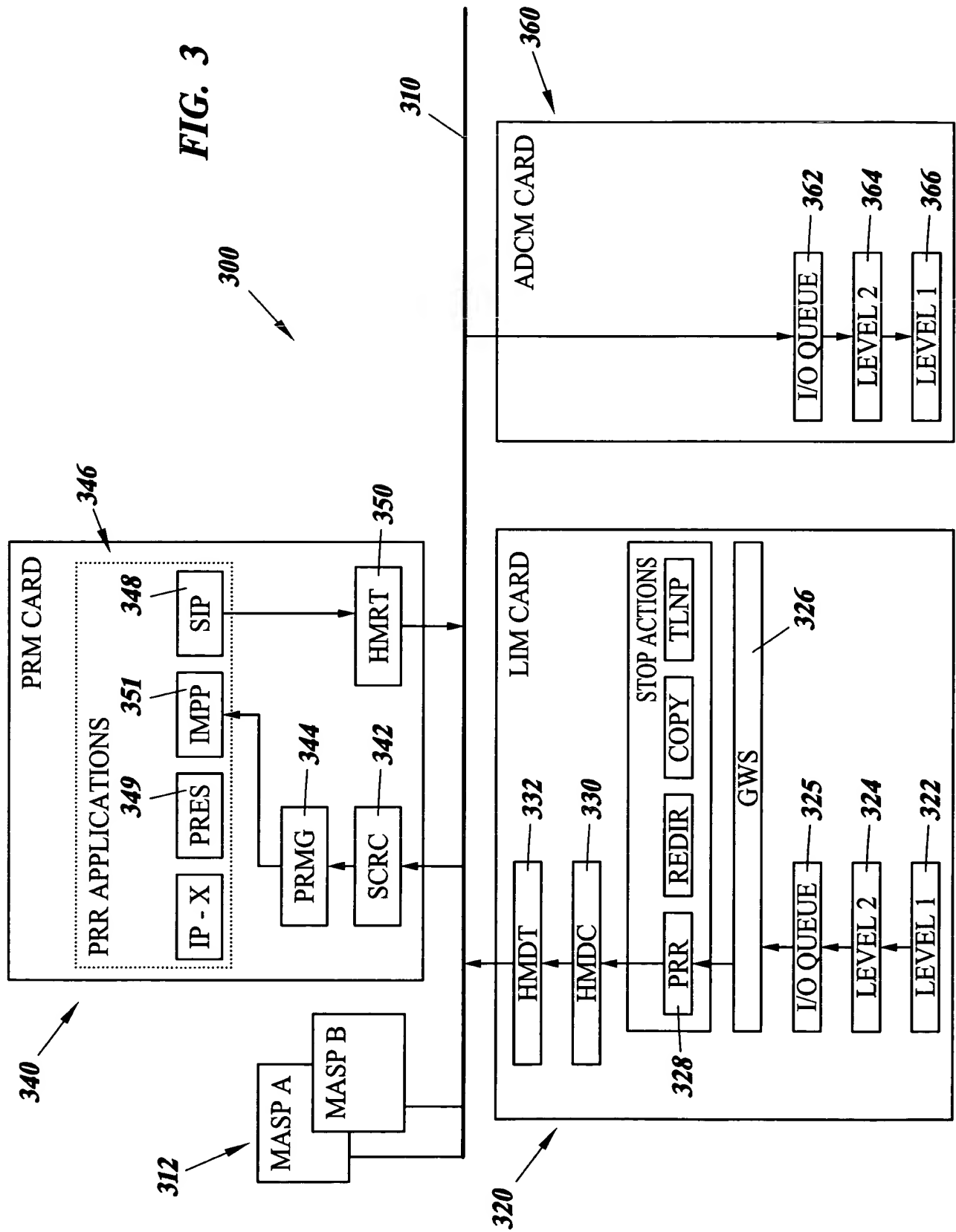
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**FIG. 2**

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FIG. 3



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FIG. 4

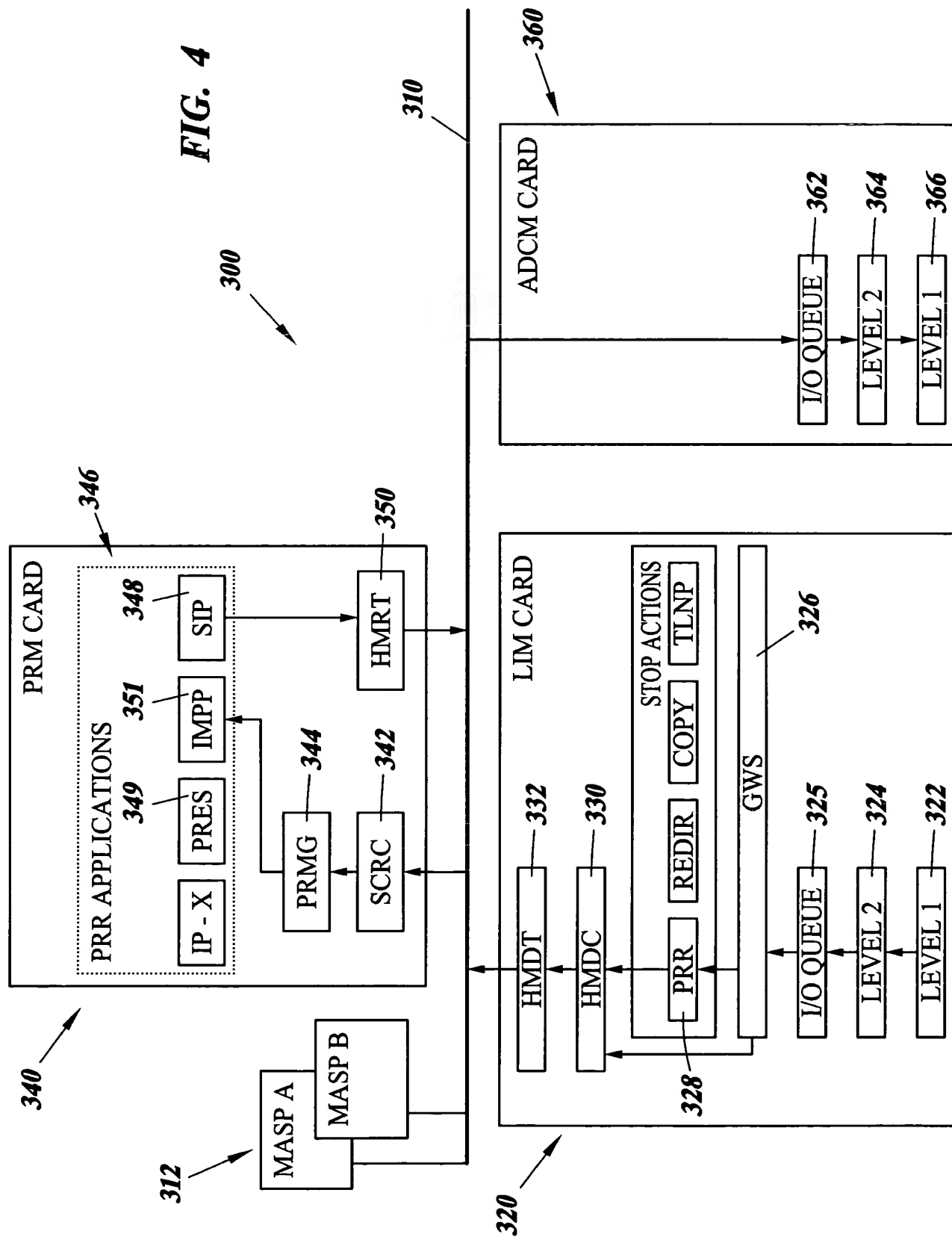
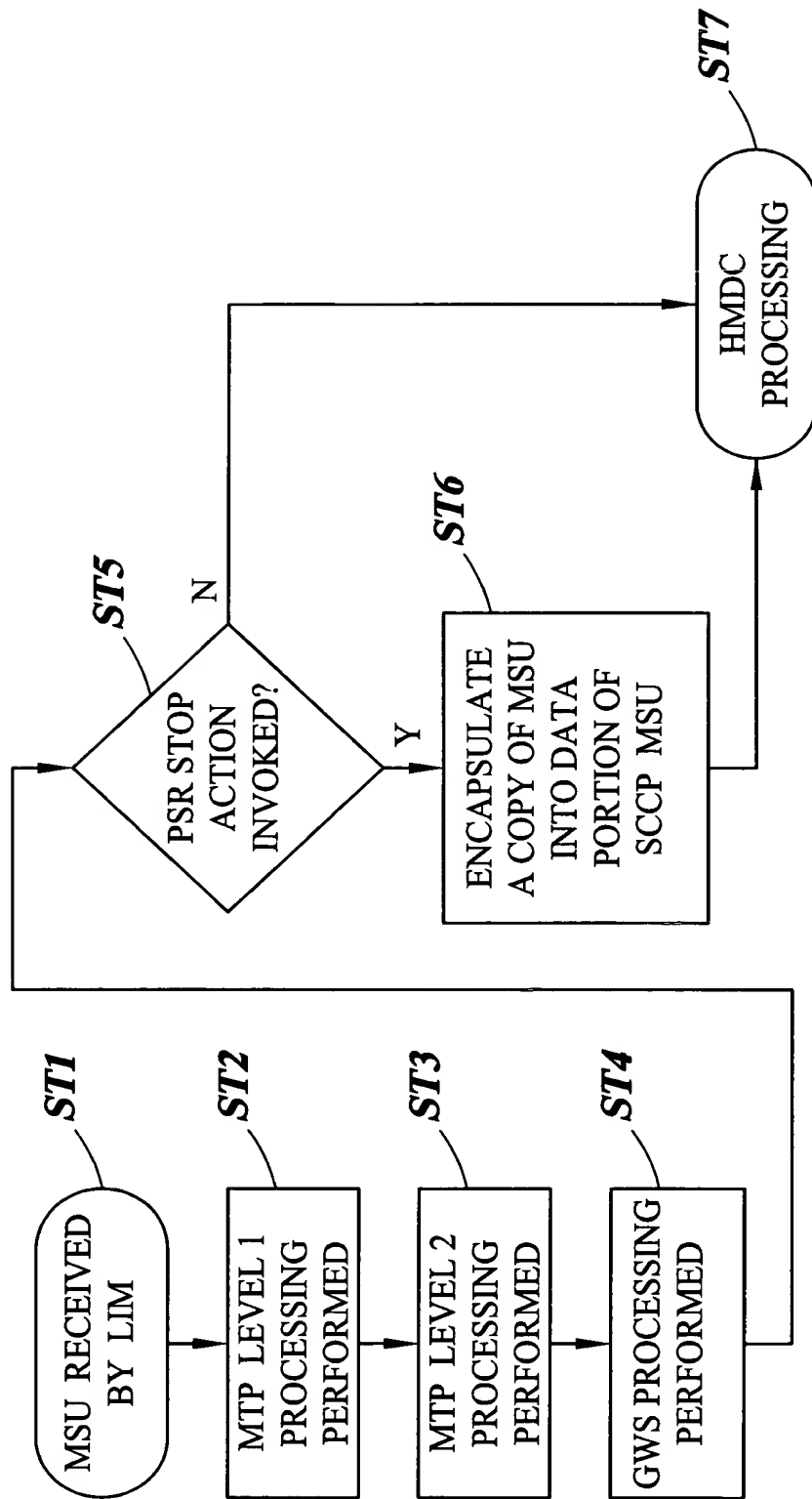
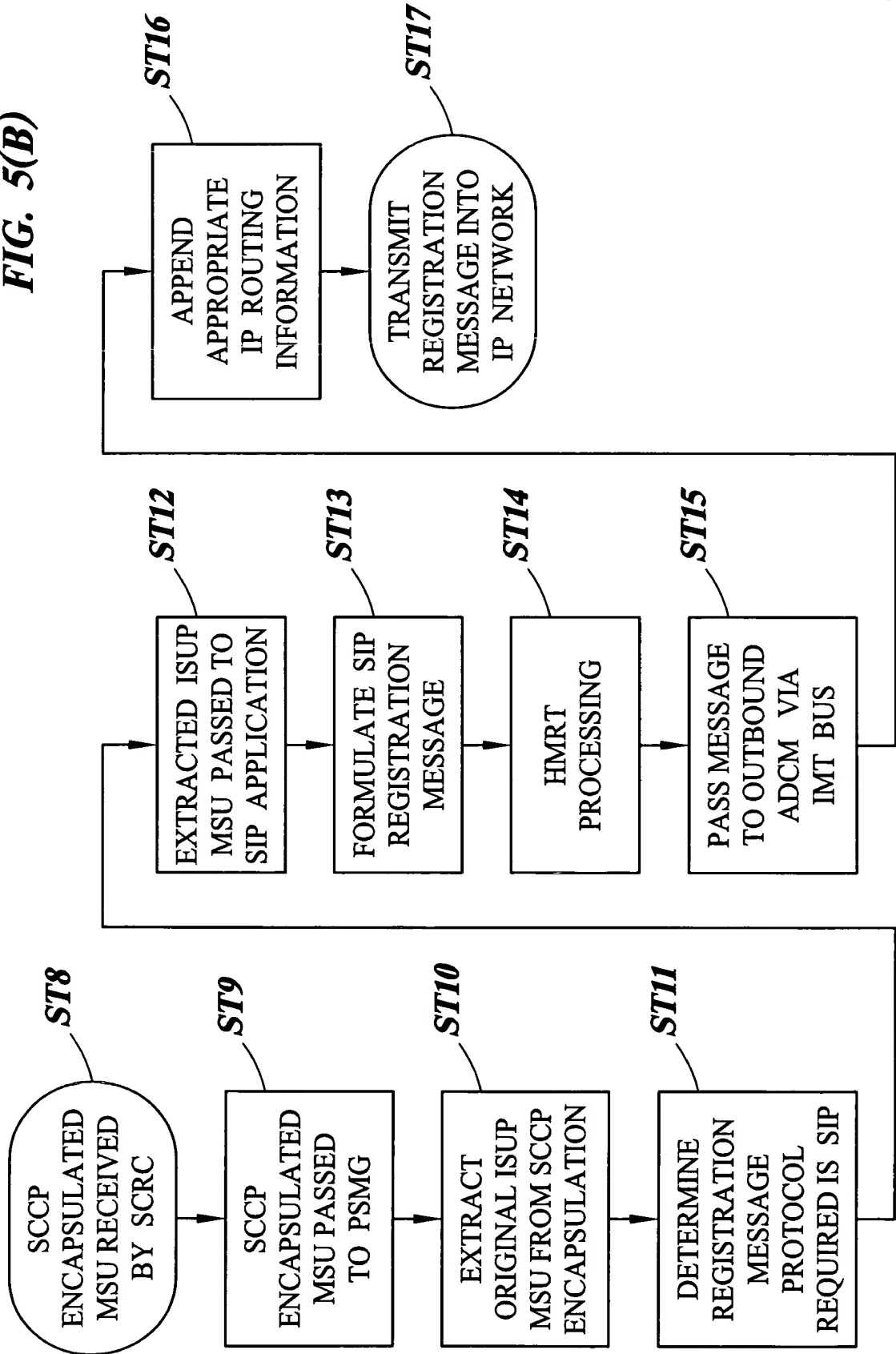


FIG. 5(A)



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FIG. 5(B)



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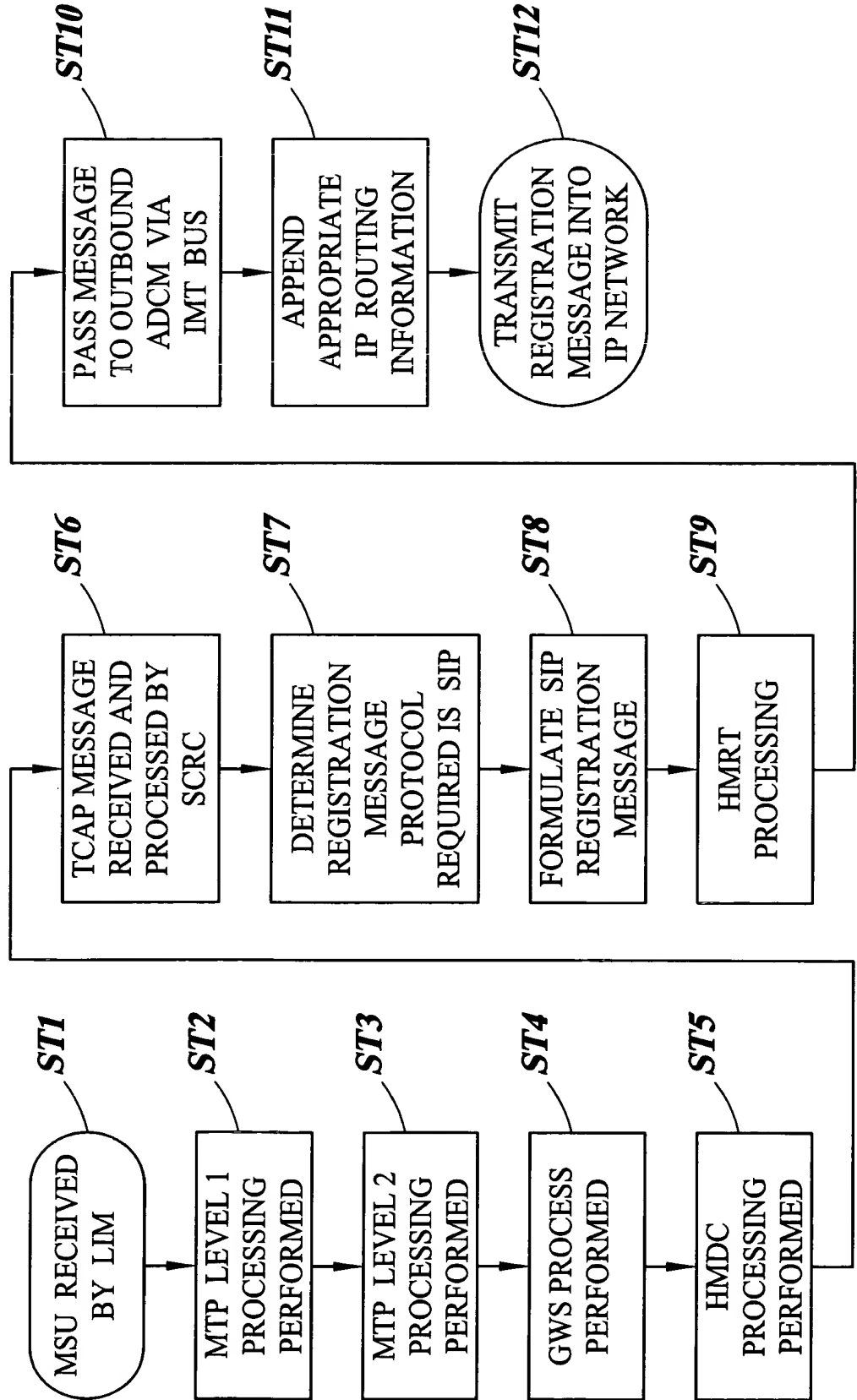
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SCCP MSU		
SCCP Header		
OPC   DPC   SIO    CdPA   CgPA	Encapsulated ISUP MSU	SCCP Trailer
		End of MSU Flag

FIG. 6

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FIG. 7





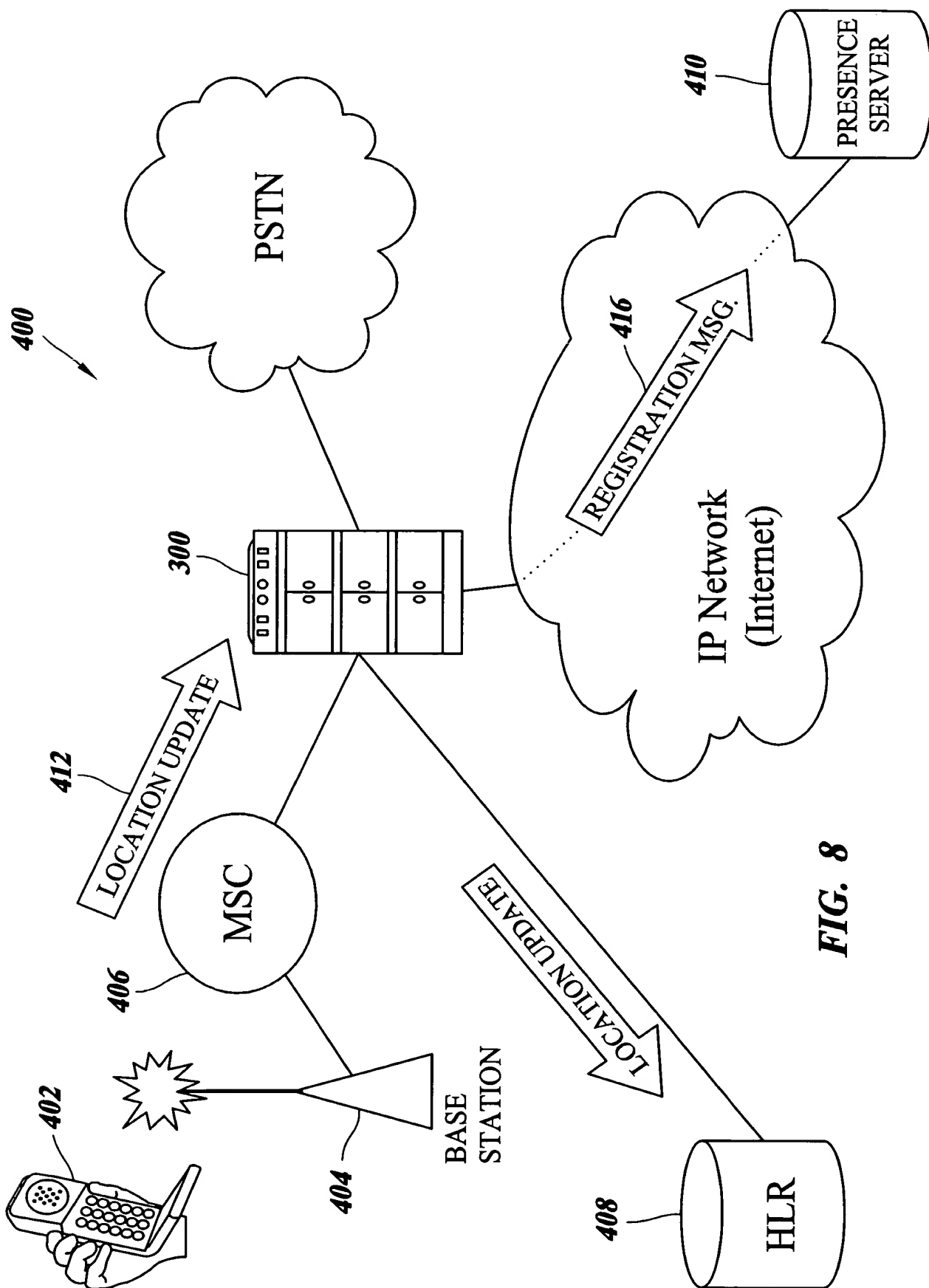


FIG. 8

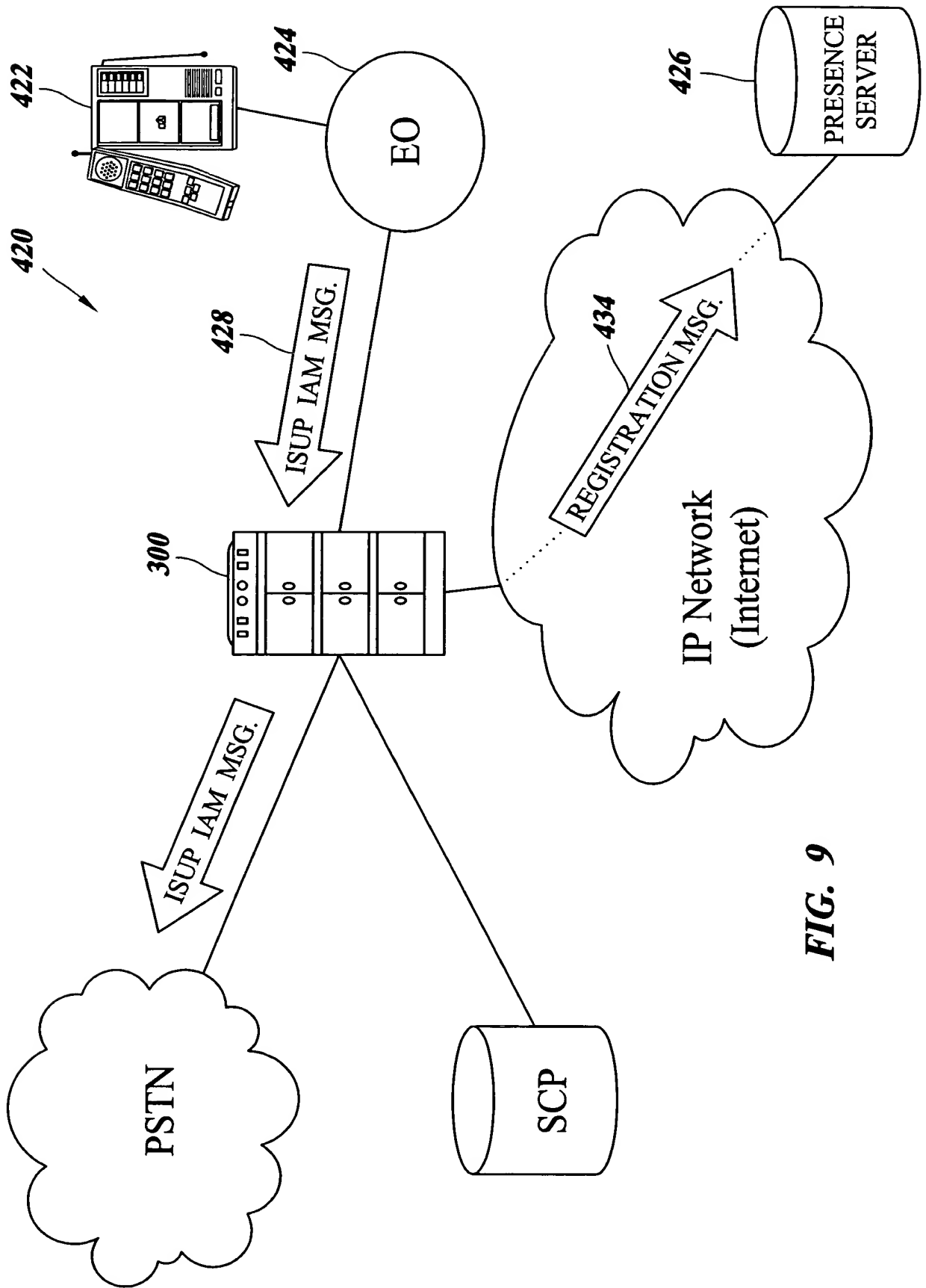


FIG. 9

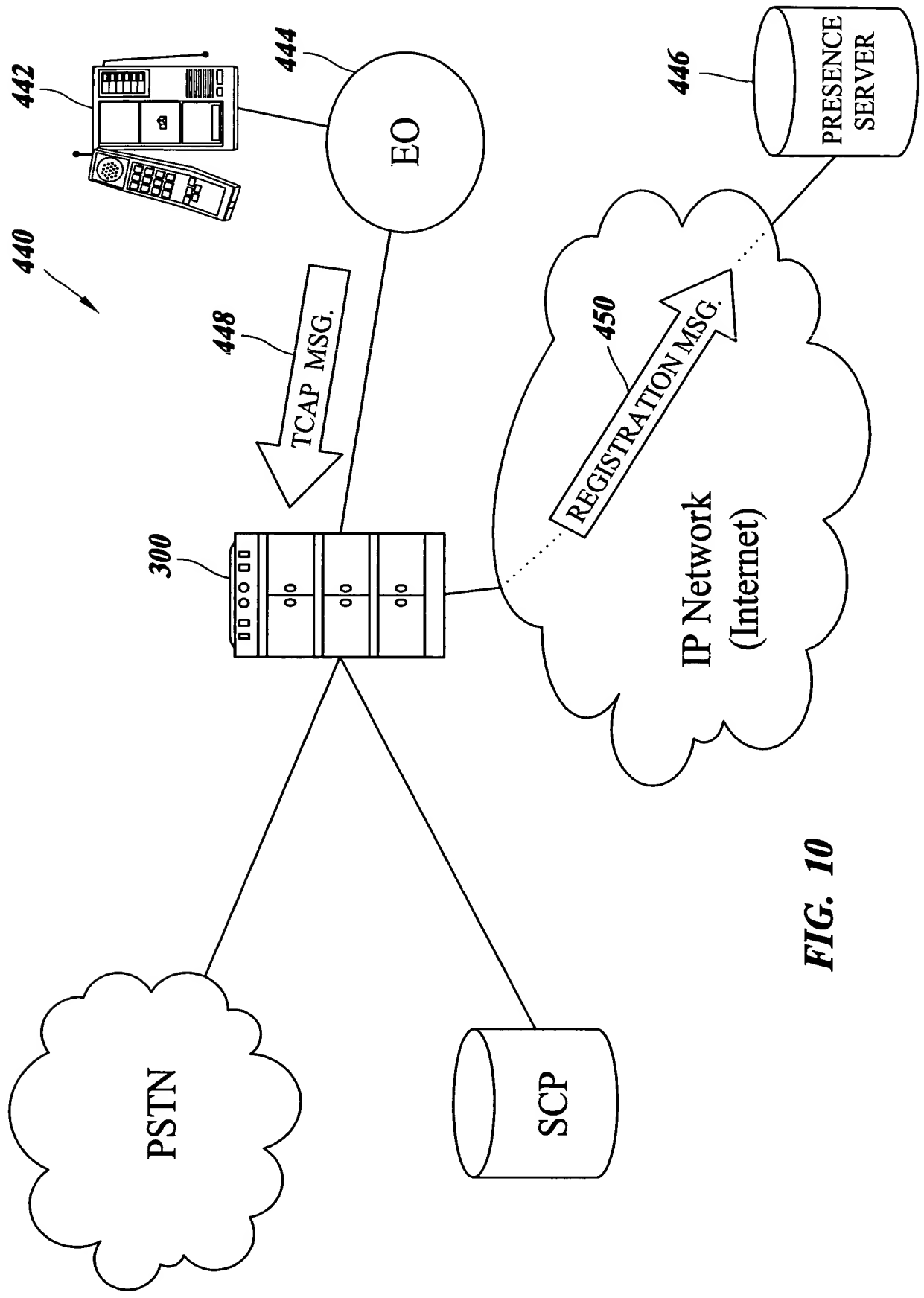


FIG. 10

FIG. 11

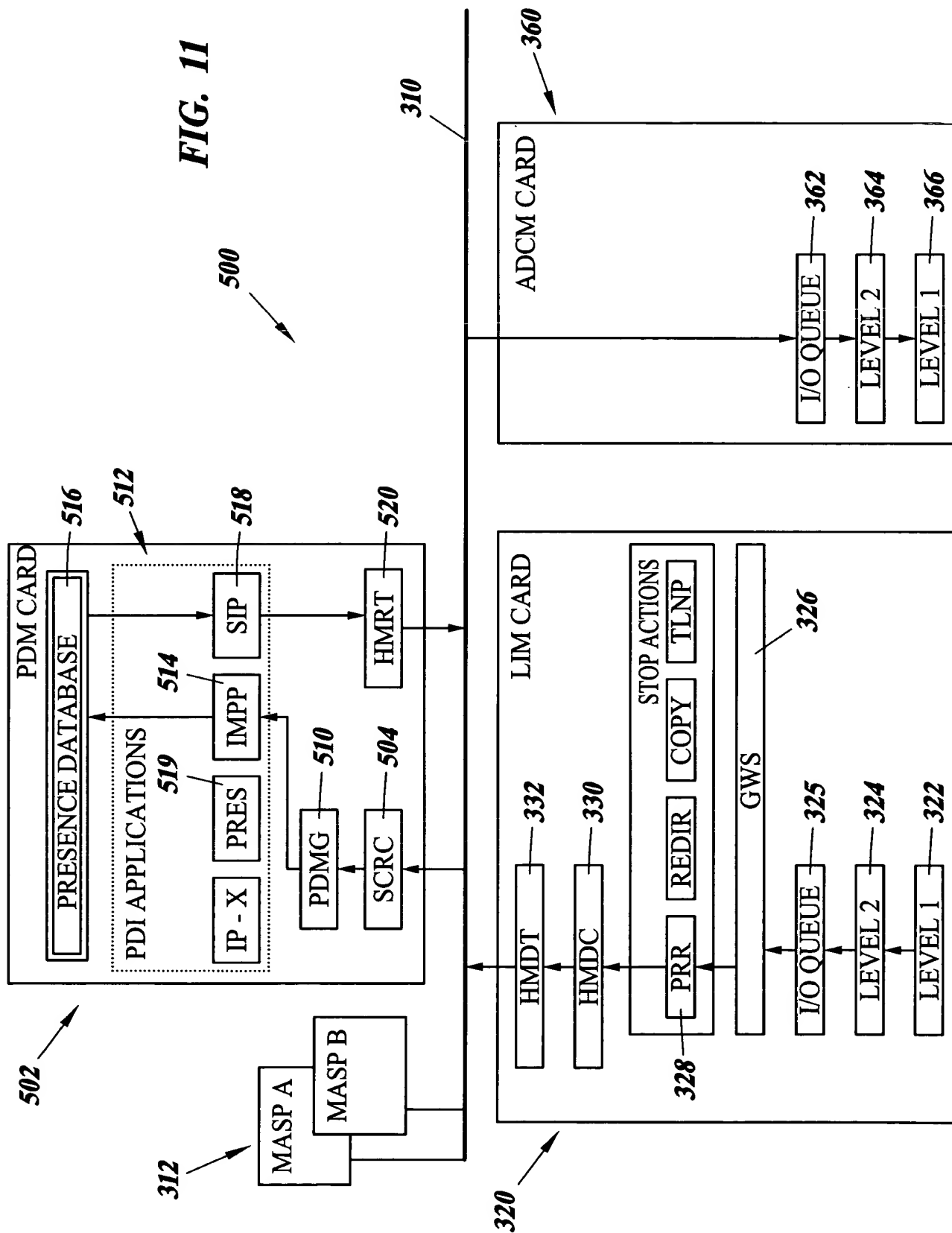
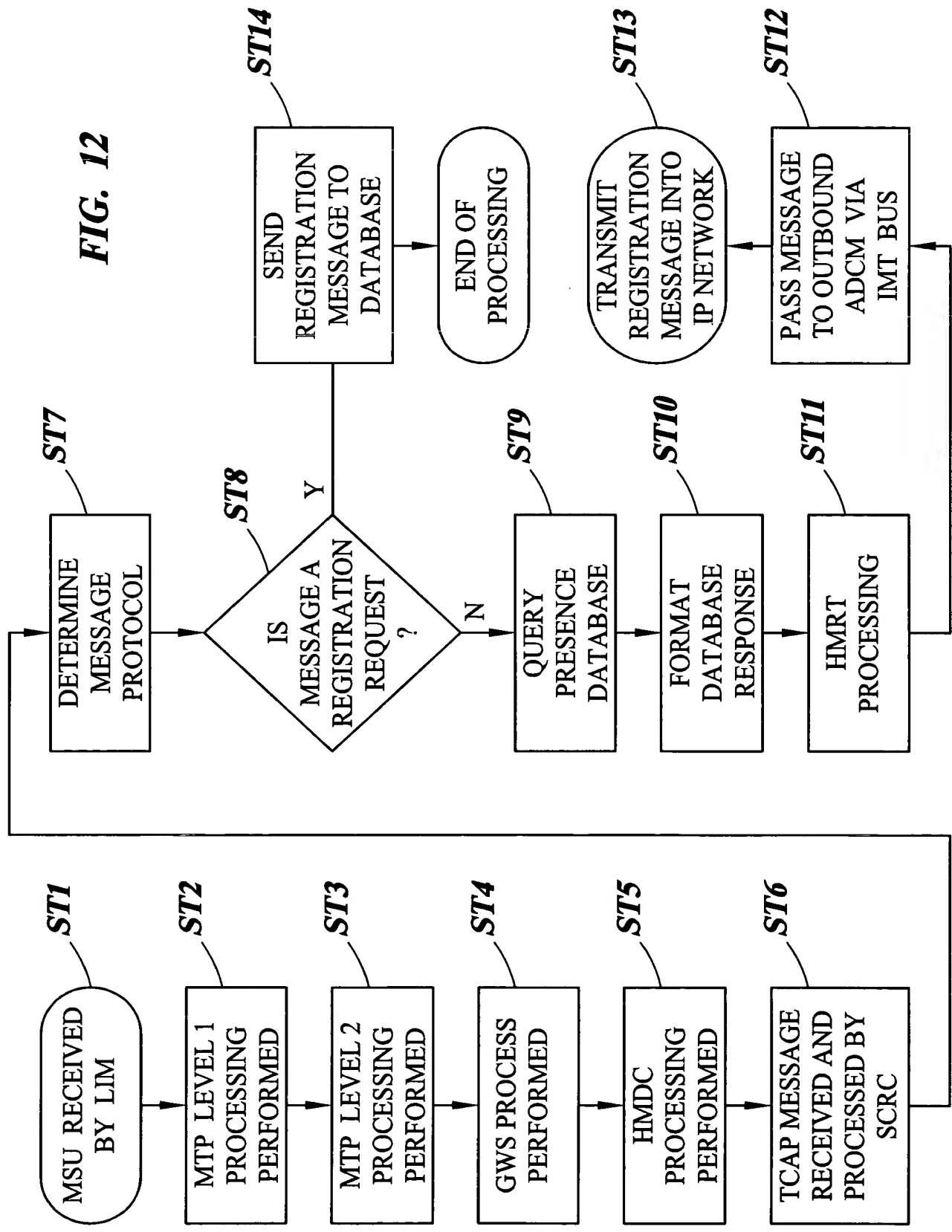
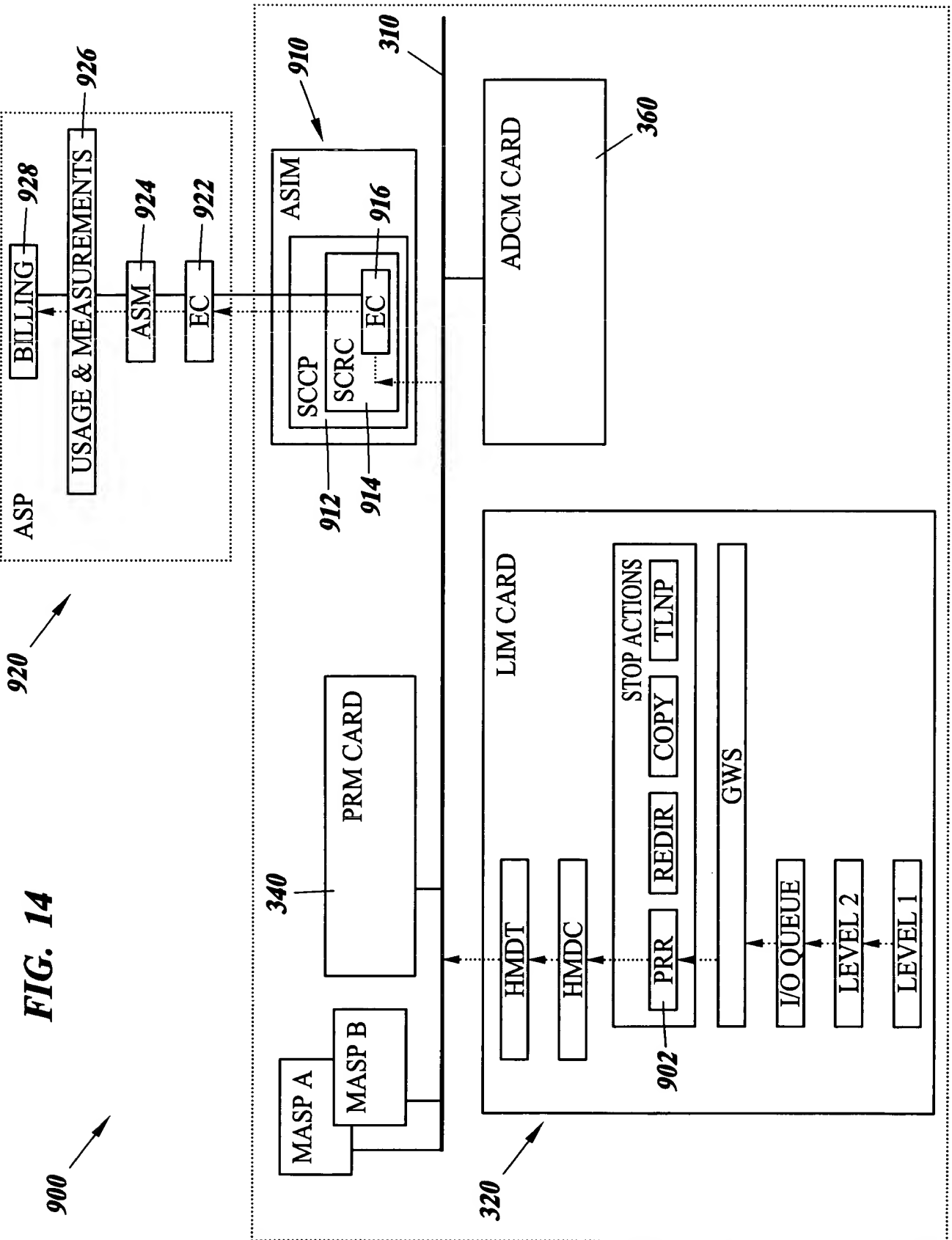


FIG. 12







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USAGE & MEASUREMENTS DATABASE									
KEYS		DATA FIELDS							
TRANSACTION ID	TIME	SERVICE PROVIDER	SERVICE RECIPIENT	SERVICE TYPE	SERVICE CgPA	SERVICE CdPA	PC/IP Add.	SSN/PORT	ORIGINATING
1025	23:12.23	12	34	01	9194605500	jsmith@aol.com	2-1-1	50	
1534	23:34.01	23	13	01	pjm@tk.com	9194605500	102.20.20.10	23	
1632	23:36.59	12	15	03	tek.com	Retailer.com	103.30.30.10	24	

FIG. 15



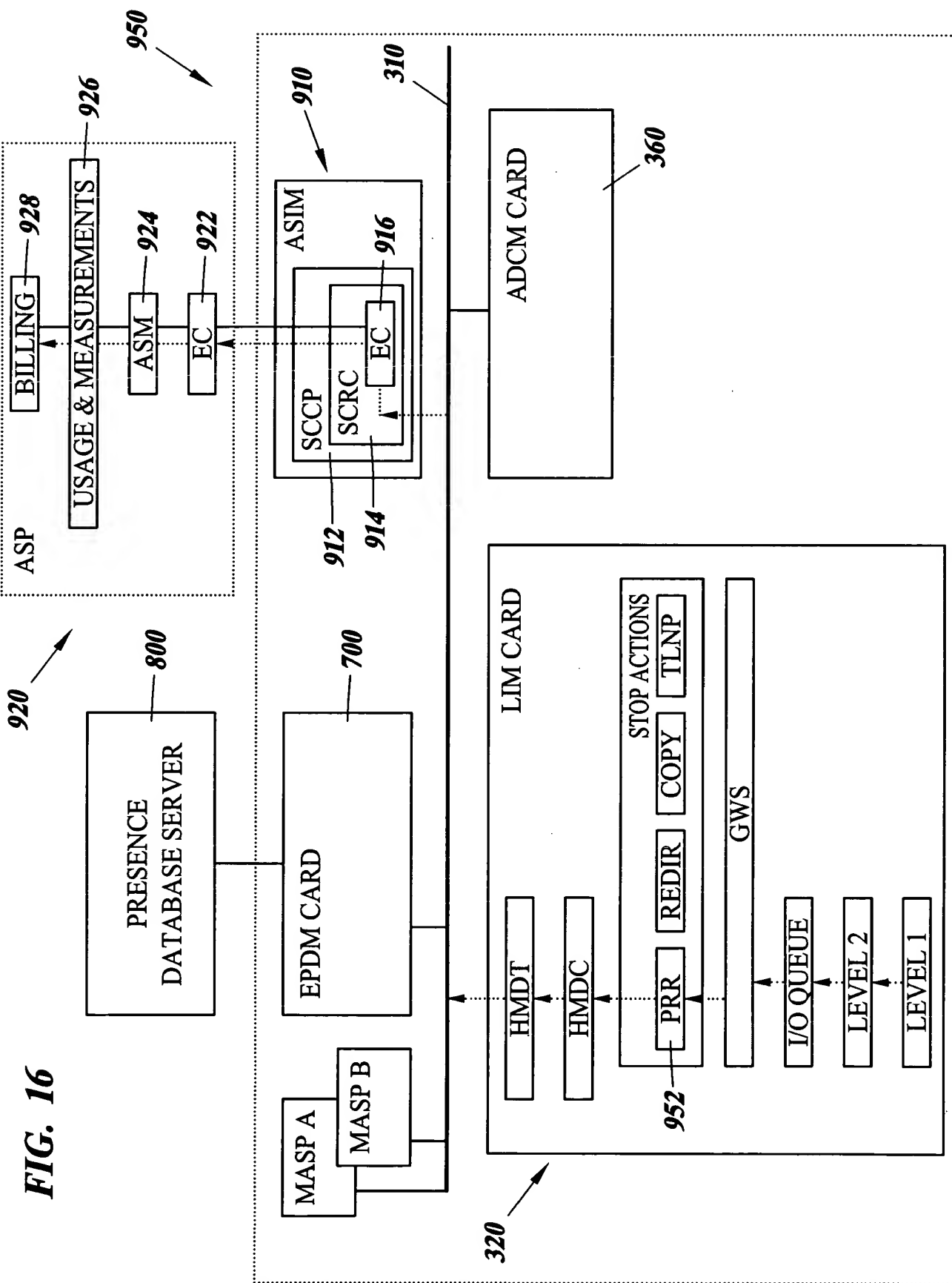


FIG. 16